

ROUTINE

R 261829Z OCT 00

FM SECDEF WASHINGTON DC

TO SA WASHINGTON DC  
SECNAV WASHINGTON DC  
SAF WASHINGTON DC  
CJCS WASHINGTON DC  
CSA WASHINGTON DC  
CNO WASHINGTON DC  
CNO WASHINGTON DC  
CSAF WASHINGTON DC  
CMC WASHINGTON DC  
USCINCENT MACDILL AFB FL  
USCINCEUR VAIHINGEN GE  
USCINCFJCOM NORFOLK VA  
USCINCPAC HONOLULU HI  
USCINCSO MIAMI FL  
USCINCSpace PETERSON AFB CO  
USSOCOM MACDILL AFB FL  
USSTRATCOM OFFUTT AFB NE  
USCINCTrans SCOTT AFB IL  
DARPA WASHINGTON DC  
BMDO WASHINGTON DC  
DECA FT LEE VA  
DECA FT LEE VA  
DCAA FT BELVOIR VA  
DCAA FT BELVOIR VA  
DFAS HQ WASHINGTON DC  
DISA WASHINGTON DC  
DIA WASHINGTON DC  
DSS WASHINGTON DC  
NIMA HQ BETHESDA MD  
DIRNSA FT GEORGE G MEADE MD  
DLA FT BELVOIR VA  
DTRA DULLES WASHINGTON DC

UNCLAS

MSGID/GENADMIN/SECDEF//

SUBJ/DOD SMART CARD TECHNOLOGY IMPLEMENTATION//

REF/A/106TH CONGRESS/5 OCT 99/-/-//

AMPN/NATIONAL DEFENSE AUTHORIZATION ACT FOR FISCAL YEAR 2000//

REF/B/DOC/DEPSECDEF/10 NOV 99/-/NOTAL//

AMPN/MEMO ON SMART CARD ADOPTION AND IMPLEMENTATION//

RMKS/1. PER REFS A AND B, DOD WILL BEGIN ISSUANCE OF NEW IDENTIFICATION (SMART) CARDS AT SELECTED SITES NEXT MONTH. I WANT TO TAKE THIS OPPORTUNITY TO PROVIDE SOME BACKGROUND AND ENSURE THAT THE DEPARTMENT HAS A COMMON UNDERSTANDING AND AWARENESS OF THIS TECHNOLOGY AND PLATFORM. THIS IS AN EXCITING AND SIGNIFICANT MILESTONE BOTH IN MOVING US INTO THE INTERNET AGE AND SECURING OUR COMPUTER NETWORKS.

2. THE INITIAL IMPLEMENTATION OF SMART CARD TECHNOLOGY IN THE DEPARTMENT IS THE COMMON ACCESS CARD (CAC). THE CAC WILL BE THE STANDARD ID CARD FOR ACTIVE DUTY UNIFORMED SERVICES PERSONNEL, THE SELECTED RESERVE, DOD CIVILIAN EMPLOYEES AND ELIGIBLE CONTRACTOR PERSONNEL. IT WILL ALSO BE THE PRINCIPAL CARD USED TO ENABLE PHYSICAL ACCESS TO BUILDINGS AND CONTROLLED SPACES AND WILL BE USED TO SECURELY ACCESS THE DEPARTMENT'S COMPUTER NETWORKS AND SYSTEMS.

3. THE CAC IS A CREDIT CARD-SIZED DEVICE THAT ACCOMMODATES AN INTEGRATED CIRCUIT CHIP (COMPUTER CHIP), A MAGNETIC STRIPE AND TWO BARCODES THAT COLLECTIVELY SUPPORT MULTIPLE APPLICATIONS AND AUTOMATED INTERFACES. THE MAGNETIC STRIPE WILL BE USED PRIMARILY TO ENABLE PHYSICAL (BUILDING AND CONTROLLED AREA) ACCESS. THE BARCODES AND COMPUTER CHIP WILL STORE IDENTIFICATION, DEMOGRAPHIC, BENEFITS, AND CARD MANAGEMENT RELATED DATA. THE MAGNETIC STRIPE AND COMPUTER CHIP ARE UPDATEABLE (I.E., INFORMATION CAN BE ERASED AND RE-WRITTEN). INDIVIDUAL PRIVACY PROTECTIONS FOR THE CAC AND ITS CONTENTS ARE COMPARABLE TO THAT OF CURRENT IDENTIFICATION CARDS.

4. THE COMPUTER CHIP WILL ALSO STORE THE CLASS 3 PKI CERTIFICATES THAT ALLOW CARDHOLDERS TO DIGITALLY SIGN DOCUMENTS SUCH AS EMAIL, ENCRYPT INFORMATION, AND ESTABLISH SECURE INTERNET SESSIONS. SPACE WILL BE MADE AVAILABLE ON EACH CAC FOR COMPONENT-SPECIFIC APPLICATIONS AND RELATED DATA.

5. CACS WILL BE ISSUED BY EXISTING AND ADDED REAL-TIME AUTOMATED PERSONNEL IDENTIFICATION SYSTEM (RAPIDS) SITES. RAPIDS HAS BEEN RE-DESIGNED TO INTEGRATE THREE SEPARATE PROCESSES: ID CARD ISSUANCE, PKI REGISTRATION, AND DOWNLOADING PKI CERTIFICATES. THESE THREE PROCESSES, PERFORMED SEPARATELY TODAY REQUIRE APPROXIMATELY 30-45 MINUTES FOR EACH PERSON. THE INTEGRATED PROCESS REDUCES THIS TIME TO 10-12 MINUTES AND TO A SINGLE PLATFORM/TOKEN. ISSUANCE WILL BEGIN AT SELECTED SITES IN QUANTICO AND TIDEWATER, VA, AND OVERSEAS IN GERMANY AND KOREA. ADDITIONAL SITES WILL BE UPGRADED AND ADDED TO ISSUE CACS THROUGHOUT FY01. INITIAL ISSUANCE OF CACS WILL BE COMPLETED DURING FY02.

6. THE CAC IS USEFUL IMMEDIATELY AS THE UNIFORMED SERVICES ID CARD FOR OUR ACTIVE DUTY AND SELECTED RESERVE PERSONNEL AND AS THE OFFICIAL DOD ID CARD FOR OUR CIVILIAN EMPLOYEES AND ELIGIBLE CONTRACTOR PERSONNEL. HOWEVER, TAKING ADVANTAGE OF THE TECHNOLOGIES AND THE PKI CERTIFICATES IS THE RESPONSIBILITY OF EACH COMPONENT. WE ALL NEED TO UNDERSTAND THAT BOTH SMART CARD AND PKI TECHNOLOGIES ARE DEVELOPING AT INTERNET SPEED. FROM OUR MULTIPLE PILOTS, WE KNOW THEY WORK AND THAT TOGETHER THEY OFFER GREAT POTENTIAL BENEFITS IN SECURING OUR COMPUTER NETWORKS, IMPLEMENTING OUR ELECTRONIC COMMERCE AND PAPERLESS CONTRACTING INITIATIVES, AND REENGINEERING OUR BUSINESS PROCESSES. EXISTING PAPER-BASED PROCESSES ARE PRIME CANDIDATES FOR

THIS REENGINEERING.

7. BOTH PKI AND SMART CARD TECHNOLOGIES ARE CLEARLY ON THE LEADING EDGE OF CURRENT TECHNOLOGIES. AS WE HAVE DONE SO OFTEN IN THE PAST, WE NEED TO WORK TOGETHER TO TAKE FULL ADVANTAGE OF THESE NEW TECHNOLOGIES AND WORK THROUGH THE GROWING PAINS THAT WE ARE SURE TO HAVE. I KNOW THAT I CAN COUNT ON YOUR LEADERSHIP TO TAKE FULL ADVANTAGE OF THESE TECHNOLOGIES.

8. ALL COMPONENTS ARE REPRESENTED ON THE SMART CARD SENIOR COORDINATING GROUP (SCSCG). PLEASE WORK VIA YOUR CHAIN OF COMMAND THROUGH THESE REPRESENTATIVES ON CAC-RELATED MATTERS. EVERYONE SHOULD USE THE CAC WHERE IT MAKES GOOD BUSINESS SENSE OR IS A COMPUTER SECURITY NECESSITY.

9. I ENCOURAGE EVERYONE TO GET THE WORD OUT ON THIS NEW PROGRAM. IT IS OF IMMEDIATE IMPORTANCE TO ENSURE THAT THIS NEW ID CARD IS RECOGNIZED IN ALL LOCATIONS, ESPECIALLY SINCE ITS APPEARANCE IS SIGNIFICANTLY DIFFERENT FROM CURRENT ID CARDS. THE UNDER SECRETARY OF DEFENSE FOR PERSONNEL AND READINESS AND THE DOD CHIEF INFORMATION OFFICER WILL JOINTLY ISSUE A POLICY MEMORANDUM ON THE CAC IN THE NEAR FUTURE. IN ADDITION, MORE INFORMATION ON THE CAC CAN BE FOUND AT [HTTP://WWW.DMDC.OSD.MIL/SMARTCARD](http://www.dmdc.osd.mil/smartcard).

BT  
NNNN